

Converting Colors

HunterLab(41.2919, -17.6018,
-4.7912)

Have a look what the booklet for
HunterLab(41.2919, -17.6018,
-4.7912) contains.

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Color

**HunterLab(41.4242,
-17.8106, -4.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	317E81
RGB	49, 126, 129
RGB Percent	19%, 49%, 51%
CMY	0.8078, 0.5059, 0.4941
CMYK	0.62, 0.02, 0.00, 0.49
HSL	182°, 45%, 35%
HSV	182°, 62%, 51%
XYZ	12.6899, 17.1596, 23.4122
YIQ	103.3190, -46.8550, -15.3910

Conversions

Conversions Part 2

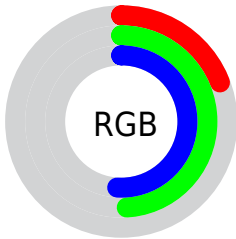
Format	Color
R_{YB}	49, 88, 129
Decimal	3243649
CIE _{Lab}	48.46, -22.30, -8.68
CIE _{LCh}	48, 23.926, 201.268
Yxy	17.1603, 0.2383, 0.3222
Android (android.graphics.Color)	4281433729 (0xFF317E81)
YUV	103.3190, 12.6607, -47.6378
Hunter-Lab	41.4242, -17.8106, -4.5127

Details

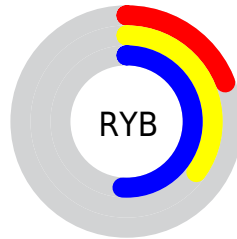
The HunterLab color $41.4242, -17.8106, -4.5127$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $27.1020, 23.9396, 10.7616$, and the grayscale version is $36.9162, -1.9698, 2.0057$.

A 20% lighter version of the original color is $62.1457, -21.4683, -4.3043$, and $24.2630, -12.2835, -3.8101$ is the 20% darker color. If you saturate the color by 10%, you get $40.9399, -18.9184, -5.1826$, and if you desaturate by 10%, it is $42.0146, -16.3140, -3.7055$.

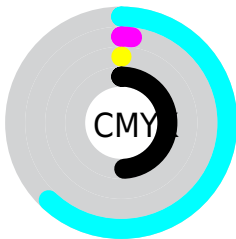
Distribution



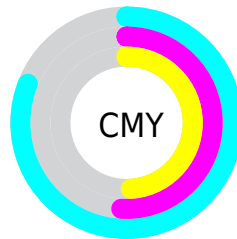
- Red (19%)
- Green (49%)
- Blue (51%)



- Red (19%)
- Yellow (35%)
- Blue (51%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (81%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4242, -17.8106, -4.5127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 41.4242, -17.8106, -4.5127 by changing the saturation by 10% instead.

■ 41.4242, -17.8106,
-4.5127

■ 41.4242, -17.8106,
-4.5127

■ 153.6536,
-33.5304, -1.6537

■ 32.1696, -15.8398,
-4.5562

■ 62.1298, -21.5239,
-4.2253

■ 23.7294, -13.7478,
-4.5228

■ 73.4843, -23.3056,
-3.9954

■ 16.1924, -11.4719,
-4.4011

■ 85.4568, -25.0541,
-3.7142

■ 9.6835, -10.5678,
-4.1809

■ 98.0170, -26.7777,
-3.3856

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 111.1386,
-28.4828, -3.0127

0.0000, NaN, NaN

■ 124.7985,

0.0000, NaN, NaN

-30.1742, -2.5982

0.0000, NaN, NaN

138.9763,
-31.8557, -2.1446

■ 41.4242, -17.8106,
-4.5127

■ 41.4242, -17.8106,
-4.5127

■ 40.9399, -18.9184,
-5.1826

■ 42.0146, -16.3140,
-3.7055

■ 40.5532, -19.6515,
-5.7205

■ 42.7127, -14.4254,
-2.7631

■ 40.2559, -20.0387,
-6.1348

■ 43.5216, -12.1518,
-1.6891

■ 40.0521, -20.2169,
-6.4191

■ 44.4417, -9.5087,
-0.4900

■ 45.4724, -6.5173,
0.8255

■ 46.6117, -3.2036,
2.2475

■ 47.8570, 0.4042,
3.7654

■ 49.2047, 4.2764,
5.3684

■ 50.6510, 8.3837,
7.0461

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.4250, -18.6743, 4.7921



41.4242, -17.8106, -4.5127



41.4250, -12.9714, -13.6077

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4250, -17.8108, -4.5121



41.4250, 12.9236, -10.0724



41.4250, 0.5799, 15.9513

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.4242, -17.8106, -4.5127



27.1020, 23.9396, 10.7616

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.4250, 9.7704, 13.5921



41.4242, -17.8106, -4.5127



41.4250, 17.3040, -0.4537

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.4250, -17.8108, -4.5121



41.4250, 4.5812, -17.2853



41.4250, 16.1012, 8.0434



41.4250, -8.5949, 15.3370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.4242, -17.8106, -4.5127



41.4250, -7.8834, -17.6632



41.4250, 16.1012, 8.0434



41.4250, 3.7808, 15.5034

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.4250, -17.8108, -4.5121



59.8116, -11.7397, -0.2181



40.7416, -28.6698, 19.9315



28.3036, -6.0258, -0.2995



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4250, -17.8108, -4.5121



54.5780, -25.7384, -7.2234



29.9122, -1.1217, -22.7553



22.0457, -2.6863, 0.5925



39.5500, -19.9647, -6.3360

0.0000, NaN, NaN

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.9319, 35.2379, -22.0072



35.7886, 55.9342, -34.8648



35.3356, 5.8860, 17.0004



20.9993, 1.4295, -0.5252

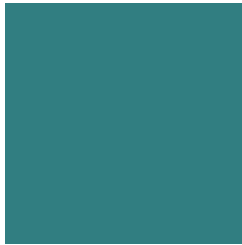


24.4409, 47.6781, -29.3404

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.4242, -17.8106, -4.5127 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.4242, -17.8106, -4.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.4242, -17.8106, -4.5127 Background



This preview shows how black text looks on a background with the HunterLab color 41.4242, -17.8106, -4.5127.



This preview shows how white text looks on a background with the HunterLab color 41.4242, -17.8106, -4.5127.

-17.8106, -4.5127.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.4242, -17.8106, -4.5127

Protanopia

41.2220, -1.0886, -0.6361

Deuteranopia

41.2749, 2.5645, -5.8794



Tritanopia

41.4084, -15.8953, -7.5826

Trichromacy



Original Color

41.4242, -17.8106, -4.5127

Protanomaly

40.7256, -8.4486, -2.8141

Deuteranomaly

40.7880, -6.2963, -6.1899

Tritanomaly

41.3092, -16.4088, -6.6819

Monochromacy



Original Color

41.4242, -17.8106, -4.5127

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.9180, -9.0359, -0.7627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4242, -17.8106, -4.5127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(49, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(49, 126, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(49, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 126, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4242, -17.8106, -4.5127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 126, 129) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(49, 126, 129) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(49, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(49, 126,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4242, -17.8106, -4.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 126, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(49, 126,  
129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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